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Number of Pages (including this page)

Date: May 4, 2009

To: CERTIFICATE OF CORRECTION BRANCE

Location: United States Patent and Trademark Office **Certificate**

Fax No.: 571-273-8300 **MAY 05 2009**

From: Brian M. Mancini (Registration No. 39,288) **of Correction**

Subject: Serial No. 10/533281 - Brusch et al.

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**MESSAGE:**

Enclosed herewith, please find CERTIFICATE OF CORRECTION for filing in the below-identified patent.

**PLEASE GIVE THESE PAPERS TO:**

PATENT NO:	7319883
SERIAL NO.:	10/498417
FILED:	10/05/2003
GRANTED:	01/15/2008
ATTORNEY DOCKET NO.:	CE10056EP

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Brusch et al. SERIAL NO.: 10/533281  
PATENT NO.: 7,319,883 B2 FILED: October 5, 2005  
ISSUED: January 15, 2008 DOCKET NO.: CE10056EP  
ENTITLED: METHOD AND APPARATUS FOR DETERMINING A TRANSMIT POWER

REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 CFR 1.322

ATTN: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 CFR 1.322 of the Rules of Practice, which implement 35 U.S.C. 254, the Patent and Trademark Office is respectfully requested to issue a Certificate of Correction in the above-identified patent.

As stated in the attached Certificate of Correction Form (PTO/SB/44), the above-identified patent has errors. Applicant(s) states that the errors were incurred through the fault of the Patent and Trademark Office. Since the errors were not the fault of Applicant(s), it is believed that a fee is not necessary and that a Certificate of Correction will issue.

Respectfully submitted,

Please forward all correspondence to:

By Brian M. Mancini  
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PTO/SB/44 (07-03)

Approved for use through 01/31/2004. OMB 0651-0033

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO.: 7,319,883 B2  
DATE: January 15, 2008  
INVENTOR(S): Brusch et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In Column 14, Line 19, in Claim 15, delete "saved" and insert -- served --, therefor.

MAILING ADDRESS OF SENDER;  
Motorola Law Department  
1303 East Algonquin Road, IL01/3<sup>rd</sup> Floor  
Schaumburg, IL 60196

PATENT NO. 7,319,883 B2



which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

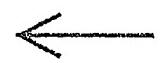
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## US 7,319,883 B2

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- transmit power and compensating the receive characteristics for a power control loop;  
determining a modified transmit power level in response to the distribution of the receive characteristics; and  
determining a cell transmit power associated with the first carrier as the reference transmit power subtracted by from the modified transmit power level.
2. A method as claimed in claim 1 wherein the receive characteristics comprise signal receive levels.
3. A method as claimed in claim 1 wherein the receive characteristics comprise signal quality characteristics.
4. A method as claimed in claim 1 wherein the step of determining the modified transmit power level comprises determining a modified transmit power level for which a ratio of receive characteristics of the distribution are above a receive characteristic threshold.
5. A method as claimed in claim 4 further comprising the step of determining the ratio in response to a desired traffic ratio of the inner zone.
6. A method as claimed in claim 4 further comprising the step of determining the ratio in response to a substantially full loading of the inner zone.
7. A method as claimed in claim 4 further comprising the step of determining the ratio in response to an average traffic of the cell and a number of carriers supporting the cell.
8. A method as claimed in claim 4 wherein the receive characteristic threshold is a predetermined receive characteristic threshold.
9. A method as claimed in claim 4 further comprising the step of receiving a user input and setting the receive characteristic threshold in response to the user input.
10. A method as claimed in claim 4 further comprising the step of determining the receive characteristic threshold in response to a required quality level.
11. A method as claimed in claim 1 further comprising the step of determining the receive characteristic threshold in response to a required interference level.

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12. A method as claimed in claim 1 wherein the step of determining the modified transmit power level comprises determining a receive characteristic reference value of the distribution corresponding to the ratio, and determining the modified transmit power level in response to the difference between the receive characteristic reference value and the receive characteristic threshold.
13. A method as claimed in claim 1 wherein the power control loop comprises a fast power control loop and a slow power control loop and the compensation of the receive characteristics is associated with only the fast power control loop.
14. A method as claimed in claim 1 further comprising the step of setting a transmit power of the first carrier to substantially the cell transmit power.
15. An apparatus for determining a transmit power in a cellular communication system comprising a first cell including an inner zone served by a first carrier and an outer zone served by a second carrier; the apparatus comprising:  
means for receiving measurement reports from a plurality of communication units of the cell; the measurement reports comprising receive characteristics for a signal associated with the cell;  
means for generating a distribution of the receive characteristics by normalising the receive characteristics to a reference transmit power and compensating the receive characteristics for a power control loop;  
means for determining a modified transmit power level in response to the distribution of the receive characteristics; and  
means for determining a cell transmit power associated with the first carrier as the reference transmit power subtracted by from the modified transmit power level.
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